

STILL ON

Grand Fair

RED LETTER WEEK
AT THE FAIR.

REMNANTS

REMNANTS

REMNANTS

The Greatest Sale of Remnants and
Oddments Ever Known in the History
Of the Dry Goods Business in Honolulu.

On Monday Next, May 27,

WE WILL COMMENCE OUR

Great Remnant Sale

The immense business we have done during the
Fair has resulted in a very large accumulation of Rem-
nants and Odd Lines—we simply had no time before to
deal with these and they were thrown aside. Our staff
has been busy the last few days measuring them up
and we marked them at such absurd prices—that it is not
selling

But Almost Giving Them
Away.

Odd and Ends in every department.

Remnants of Ribbons.
Remnants of Woolen Goods.
Remnants of Dresses.
Remnants of Sheetings.
Remnants of White Goods.
Remnants in Every Department.

To Save Money

COME TO THE FAIR

L. B. KERR & CO.,
LIMITED.

Queen St., Honolulu.

SCIENTIFIC MISCELLANY

An acetylene blowpipe, with a suit-
able supply of oxygen, is found by M.
G. L. Bougerel to give a temperature
approaching that of the electric arc.
The oxygen is diluted with air, as oth-
erwise there will be a deposit of car-
bon and other troubles.

Aluminum surfaces are joined with
great difficulty on account of the thin
film of oxide that forms on heating.
In the new process of Max Schmide, of
Berlin, the two heated aluminum sur-
faces, slightly separated, are connected
to the cathode of an electric circuit,
and a graphite or platinum anode is
passed between them, scraping the
edges and removing the oxide in part
mechanically and in part by electroly-
tic reduction. The surfaces may then
be welded without pressure or ham-
mering.

The anomaly of the forming of ice
while the water indicates a tempera-
ture considerably above freezing, has
been explained by Herr Schuh. He
finds the cold surface layer of water
to be very thin, so that the thermom-
eter is affected by the warmer water
below. In the Gmunden See his spe-
cial instrument indicated a surface
temperature of 0 degree Centigrade,
while an ordinary thermometer, pene-
trating the cold layer, rose to 3.4 de-
grees Centigrade within a yard of the
spot where ice was making.

Attracted by the shrill whistling of
the wind through a network of wires
before a storm, Dr. Eydam, a German,
has made a novel investigation. He is
now convinced that any unusual dis-
turbance in the telegraph wires fore-
tells bad weather, and that the char-
acter of the atmospheric disturbances
may be learned from the sound. A deep
sound of considerable strength, for in-
stance, heralds slight showers of rain,
and moderate winds within 30 to 40
hours, with a sharp, shrill sound
gives warning of high winds with
much rain or snow.

The lime light used in night signals
of the German army has been sup-
planted by acetylene. Mixed with a
certain proportion of oxygen, acetylene
was found to give three times the can-
dle power of the lime light, and its
signals could be flashed to a distance
of five miles by day, and ten at night.
The simplicity of the acetylene appa-
ratus is not the least advantage. The
oxygen needed for the lime light is
transported by heavy cylinders, but
what the acetylene requires is generat-
ed in a small retort in fifteen minutes,
and stored in a gasbag.

The recent Italian rains colored red
by dust from Africa have led a British
meteorologist to point out another
source of red rain. A blood-rain plant
has appeared in a London evaporation
tank, and on examination it proves to
be a minute motile alga called Sphaer-
ella pluvialis. It is found usually in
small pools, and is closely allied to the
microscopic plant that colors snow red.
While rare in rain and having no con-
nection with the red-sand rains, the
plants may be taken up by a whirlwind
and fall in a subsequent red shower,
in the same manner that the familiar
showers of frogs and fish are produced.

Certain bacteria in the air are be-
lieved by Kijanzin to be as essential
to life as oxygen. When animals were
confined for some days in a chamber
of sterilized air, some died, others lived
but a short time after being taken
out, and the survivors showed symp-
toms of extreme lassitude and weak-
ness. It was proven that the effects
could not be due to starvation, pois-
onous exhalations, or carbonic acid in
the air. The excretions showed def-
icient oxidation, and it was concluded
that the oxidizing ferments of the tis-
sues are supplied by bacteria which
enter the blood, and that cutting off
these bacteria led to an accumulation
of insufficiently oxidized products that
exerted a poisonous effect.

Industrial electric furnaces are di-
vided by M. Keller into three main
types: Arc furnaces, which are of
numerous varieties, including multiple
arcs; resistance furnaces, in which
low tension currents pass between
large electrodes through the material
to be fused, and incandescence fur-
naces, with carbon blocks that form
an incandescent bed for the material.
The Gin & Leleux furnace, of the re-
sistance type, uses as high as 10,000
amperes at a low voltage, taking as
much as 1,300 horsepower for a single
furnace. The total power now used in
electric furnaces reaches 230,000, of
which calcium carbide represents 185,
000; aluminum, 27,000; copper, 11,000,
and carborundum, 2,000. Recent pro-
cesses include the production of vana-
dium and ferro-chromium, the combin-
ed production of phosphorus and car-
bide; and the making of artificial cor-
undum by fusing bauxite. The con-
struction of industrial furnaces has
made such progress that, while in 1897
the product of carbide was only five
pounds per horsepower per twenty-four
hours, the yield with a new Gin & Le-
leux furnace is 10.2 pounds, corres-
ponding to a calorific efficiency of 75
per cent.

Though born free from microbes, ac-
cording to Dr. Elie Metchnikoff, man
soon picks up a pretty extensive flora.
Germs from air and water lodge in
the follicles of the skin and on the
moist mucous membranes, and within
four hours after birth several different
kinds of microbes are sometimes
found in the intestines, although they
are usually first observed between the
tenth and seventeenth hour. The di-
gestive organs develop the greatest va-
riety. Dr. Miller, of Berlin, has de-
scribed more than thirty species living
in the mouth cavity, some of those
about the teeth being peculiar to the
mouth, while others appear also on the
skin, and are recognizable in the
stomach and intestines. In the stom-
ach, whose acid contents greatly mod-
ify the bacterial life, thirty species
have been already distinguished, most
of them not found elsewhere in the di-
gestive system. In the small intestines
the microbes vary greatly with the
food, bacilli predominating, and many
new kinds are added as they pass in-
to the large intestine. Here the mi-
crobes appear first and are most abun-
dant, about forty-five species—chiefly
bacilli and other bacteria—being
known. The total number of distinct
species of microbes in healthy man
may be roughly estimated at between
sixty and seventy, but cannot be ac-
curately estimated. Beneficial microbes
seem to act especially in healing
wounds and resisting harmful organ-
isms, while ordinarily harmless kinds
appear to cause disease—such as head-
aches, epilepsy, exhaustion and certain
skin affections, and even mental disor-
ders—by an undue increase. A lesson
drawn from the study of body mi-
crobes is that man's evolution has not
kept pace with his changes of food
and habits, and that his stomach and
large intestine are no longer needed,
while the small intestine—which alone
is indispensable—could be reduced
from six or seven yards to a third of
that length.

THIS DAY.

Auction Sale —OF— FINE RESIDENCE

ON SATURDAY, JUNE 1,

AT 12 O'CLOCK NOON.

At my salesroom, 65 Queen street, I
will sell at public auction, by order of
Mr. C. W. Booth, that large residence
Pacific Heights.
The house is only recently completed,
and contains double parlors, large hall,
dining-room, large pantries, breakfast-
room, extra large kitchen, patent clos-
ets, up and down stairs, enamel bath-
tub, hot and cold water throughout
house, four bedrooms with large clos-
ets, linen closet, large attic with space
for three large rooms, trunk-room, etc.,
etc.

Grounds are 1 1/2 acre in size, partially
terraced and laid out in trees. Three
hundred feet from the electric car line,
and has the most unsurpassed and
grandest view of Honolulu, the sur-
rounding country, and the ocean, of
any residence in the city.
Interested parties will be shown the
house and grounds.

JAS. F. MORGAN, Auctioneer.

Valuable Real Estate For Sale.

By order of Mr. W. Wolters I offer
for sale the following valuable prop-
erty:

1—That lot on the corner of Green
and Kapiolani streets, size 100x100 feet.
The place is well laid out in palm and
fruit trees.

2—That lot on Green street, near the
corner of Kapiolani, size 95x145 feet,
together with a house of six rooms,
and a stable with servants' quarters.
The garden is well laid out with
palm and fruit trees.

JAS. F. MORGAN,

65 Queen Street.

Auction Sale —OF— VALUABLE PROPERTY In Nuuanu Valley

Under instructions from the attor-
neys for COL. C. B. C. ROOKE, I will
sell at public auction, at my sales-
room, 65 Queen street.

ON SATURDAY, JUNE 8,

AT 12 O'CLOCK NOON.

The following valuable property:
Lot A—Parcel of land on the Ewa
side of Nuuanu avenue, opposite the
residence of Mr. H. Schultz.

Property has a frontage of 339.6
feet on Nuuanu avenue; a depth on
mauka side of 554.2 feet; on lower
boundary of 607 1/2 feet, and 290 1/2 feet
at rear boundary.

Contains 180,774 square feet.

Lot B—Directly opposite Lot A, and
adjoining the residence of Mr. H.
Schultz.

This lot has a frontage of 354.8 feet
on Nuuanu avenue, a depth on mau-
ka side of 553 10-12 feet, on ma-
ka side of 534 feet, and 336 7-12 feet at rear
boundary.

Contains 196,020 square feet.

For further particulars, and terms
and conditions of the sale, enquire of

JAS. F. MORGAN,

AUCTIONEER.

Auction Sale —OF— REAL ESTATE IN NUUANU VALLEY.

ON SATURDAY, JUNE 8,

AT 12 O'CLOCK NOON.

At my salesroom, 65 Queen street, I
will sell at public auction a very fine
piece of land in Nuuanu Valley on the
corner of Puunui avenue and Wyllie
street, having a frontage of 200 feet on
each street, and containing an area of
40,000 square feet.

Further particulars of

JAS. F. MORGAN,

AUCTIONEER.

ADMINISTRATOR'S SALE

—OF—

Fish Pond

By order of MR. W. C. PARKE, ad-
ministrator of the estate of CATHER-
INE P. AULD, deceased, I will sell at
public auction,

ON SATURDAY, JUNE 8,

1901,

12 O'CLOCK NOON.

At my salesroom, 65 Queen street, Ho-
nolulu, a fish pond situated at Ula-
pue, Molokai, containing an area of
2 3/4 acres, more or less, and well stock-
ed with fish.

This pond is leased to January 4,
1911, at a yearly rental of \$55.00, pay-
able semi-annually, in advance.

Further particulars can be obtained
at the Public Lands Office, under lease
No. 490.

Terms of the sale, cash. All expenses
at the expense of the purchaser. Sale
subject to the approval of the Commis-
sioner of Public Lands.

JAS. F. MORGAN,

AUCTIONEER.

U-NEE-DA

Biscuit or Jinga Wa

Or some other kind of Biscuit or Wa-
—SUCH AS—

CHAMPAGNE
ORANGE
LEMON
STRAWBERRY
VANILLA
CHOCOLATE

Wafers

WATER
BEN'S H. M.
HIGH TEA
SNOW FLAKE
OYSTER
GINGER
PRETZELS
GRAHAM
EDUCATOR

Etc., Etc., Etc., Etc.

Just received a fresh shipment of the above

HENRY MAY & LIMITED.

TELEPHONES—22, 24 and 92.

P. O. BOX 386.

We have just received a fine line of

Silk Goods, Jewels

WATCHES, GENTS' FURNISHING GOODS
SILK AND CREPE KIMONOS.

These goods are all new, and of the latest patterns.

ASADA & CO

141 Hotel Street.

It Will Pay You to Trade With Us

VERANDA
AND
LAWN

Swing

Hammocks
AND
Take-it-Ezy
Chairs

Comforts for this hot weather

Pacific Cycle & Mfg.

1065 FORT STREET.

There is Strength and Vigor

IN EVERY DROP.

Drink the Famous

RAINIER BEER

Sold by All Dealers.

AT CHITTY A

Corner of Nuuanu and Hotel Street

Japanese Goods, Jewels
Curios.

GIVE US A CALL

Bookman

AT THE

HAWAIIAN GAZETTE OFF